

PENDING CLAIMS

1. (Previously Presented) A recreation range system including a field and a rotatable range carousel wherein, said range carousel is provided with at least one player level wherein the periphery of said player level is divided into a plurality of player lanes, said player lanes provided with ball delivery means and said field provided with ball retrieval means.

2. (Cancelled)

3. (Previously Presented) The recreation range system of claim 1 wherein the periphery of said field is provided with a plurality of target structures.

4. (Original) The recreation range system of claim 3 wherein said carousel is offset from the center of said field.

5. (Original) The recreation range system of claim 4 wherein the surface of said field slopes downwardly from said carousel to said periphery of said field.

6. (Withdrawn) The recreation range system of claim 5 wherein said field is constructed as a suspended surface overlying a substantially dished subsurface.

7. (Original) The recreation range system of claim 1 wherein said carousel is provided with two player levels; an upper level and a lower level arranged one above the other around a central support column.

8. (Original) The recreation range system of claim 7 wherein said central support column is rotatably supported, said column and said carousel adapted to be urged in circular motion by a power source acting through a drive train.

9. (Original) The recreation range system of claim 8 wherein said ball delivery means and said ball retrieval means are adapted to process a range of ball sizes.

10. (Original) The recreation range system of claim 9 wherein said ball delivery means and said ball retrieval means are provided with a plurality of balls, each of said balls provided with a unique electronically readable ball recognition code.

11. (Original) The recreation range system of claim 10 wherein said ball retrieval means is adapted to return balls from the periphery of said field to said central support column.

12. (Original) The recreation range system of claim 11 wherein said ball retrieval means includes a plurality of ball collection troughs disposed around the periphery of said field,

each of said collection troughs communicating with said central support column by underground shafts sloping downwardly from said periphery towards said central support column.

13. (Previously Presented) The recreation range system of claim 1 wherein said ball retrieval means includes a plurality of openings along the periphery of said field, said openings allowing balls to drop to said dished subsurface.

14. (Previously Presented) The recreation range system of claim 12 wherein said ball delivery means is provided with a ball collections and sorting chamber adapted to sort said ball sizes and deliver sorted balls to designated said player lanes.

15. (Original) The recreation range system of claim 14 wherein a player urges a ball to follow a trajectory from one of said player lanes in a generally radial direction from said range carousel towards said periphery of said field.

16. (Original) The recreation range system of claim 15 wherein a ball urged by said player from said player lane towards said periphery of said field is tracked electronically.

17. (Original) The recreation range system of claim 16 wherein said target structures are adapted to display a variety of target images.

18. (Original) The recreation range system of claim 17 wherein said target images are provided with electronic sensor means adapted to record the impact of a ball and the recognition code of said ball.

19. (Original) The recreation range system of claim 18 wherein said target images are associated with a point credit system, said credit system adapted to award credit points to a player when a ball urged by said player strikes said target image.

20. (Original) The recreation range system of claim 19 wherein said field may be adapted to display a number of target areas, said target areas provided with sensors to detect the impact of a ball and the recognition code of said ball.

21. (Original) The recreation range system of Claim 20 wherein said credit points accruing to a player are electronically displayed on display means at the player lane used by said player.

Claims 22-59 Cancelled